

Application Serial No. 10/812,639
Reply to Office Action of July 2, 2007

OCT 01 2007 PATENT
Docket: CU-3673

Amendments to the Claims

The listing of claims presented below replaces all prior versions, and listings, of claims in the application.

Listing of claims:

1. (currently amended) A mounting structure for installing a compact camera module into a socket, said compact camera module including a lens and a solid image pickup device, the mounting structure comprising:
 - an electrode pad formed in a lower portion of the compact camera module ~~that includes a lens and a solid image pickup device~~;
 - a contacting member having a contacting end and a springy portion disposed in the socket, ~~the electrode pad and the contacting end being in contact when the lower portion of the compact camera module is inserted into the socket~~; and a depressed portion formed on the lower portion of the compact camera module; ~~to accommodate~~
 - wherein, when the lower portion of the compact camera module is inserted into the socket, the depressed portion accommodates the springy portion of the contacting member so that the lower portion of the compact camera module does not make contact with the springy portion of the contacting member when the lower portion of the compact camera module is inserted into the socket, and the contacting end pushes the electrode pad to an inner side of the compact camera module.
2. (currently amended) A mounting structure for installing a compact camera module into a socket, said compact camera module including a lens and a solid image pickup device, the mounting structure comprising:
 - an electrode pad formed in a lower portion of the compact camera module ~~that includes a lens and solid image pickup device~~;
 - a contacting member having a contacting end disposed in the socket, ~~the electrode pad and the contacting end being in contact~~ the contacting end pushing the electrode pad to an inner side of the compact camera module when the lower portion of the compact camera module is inserted into the socket; and
 - an engagement member disposed in the socket to lock the compact camera module when the lower portion of the compact camera module is inserted into the socket so that the compact camera module does not separate from the socket.

Application Serial No. 10/812,639
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Docket: CU-3673

3. (original) The mounting structure as claimed in claim 2, wherein the socket comprises a grounding contacting member; and
the engagement member is a portion of the grounding contacting member.
4. (currently amended) The mounting structure for installing a compact camera module into a socket, said compact camera module including a lens and a solid image pickup device, the mounting structure comprising:
an electrode pad formed in a lower portion of the compact camera module ~~that includes a lens and a solid image pickup device~~;
a contacting member having a contacting end disposed in the socket, ~~the electrode pad and the contacting end being in contact~~ the contacting end pushing the electrode pad to an inner side of the compact camera module when the lower portion of the compact camera module is inserted into the socket;
a recess formed on the lower portion of the compact camera module; and
a cutout formed on the socket at a position in correspondence to the recess, the recess facing the cutout when the lower portion of the compact camera module is inserted into the socket,
wherein the recess is engagable with a de-installation tool through the cutout when the lower portion of the compact camera module is inserted into the socket.
5. (currently amended) A compact module set, comprising:
a compact camera module including a lens and a solid image pickup device;
and
a socket, wherein
an electrode pad is formed in a lower portion of the compact camera module;
a contacting member having a contacting end and a springy portion is disposed in the socket, ~~the electrode pad and the contacting end being in contact when the lower portion of the compact camera module is inserted into the socket~~;
and
a depressed portion is formed on the lower portion of the compact camera module; ~~to accommodate~~
wherein, when the lower portion of the compact camera module is inserted into the socket, the depressed portion accommodates the springy portion of the

Application Serial No. 10/812,639
Reply to Office Action of July 2, 2007

PATENT
Docket: CU-3673

contacting member so that the lower portion of the compact camera module does not make contact with the springy portion of the contacting member ~~when the lower portion of the compact camera module is inserted into the socket, and the contacting end pushes the electrode pad to an inner side of the compact camera module.~~

6. (currently amended) A compact camera module set, comprising:
a compact camera module including a lens and a solid pickup device; and
a socket, wherein
an electrode pad is formed in a lower portion of the compact camera module ~~that including a lens a solid image pickup device; a contracting member having a contacting end is disposed in the socket, the electrode pad and the contacting end being in contact~~ the contacting end pushing the electrode pad to an inner side of the compact camera module when the lower portion of the compact camera module is inserted into the socket; and
an engagement member is disposed in the socket to lock the compact camera module when the lower portion of the compact camera module is inserted into the socket so that the compact camera module does not separate from the socket.

7. (original) The compact camera module set as claimed in claim 6, wherein the socket comprises a grounding contacting member; and the engagement member is a portion of the grounding contacting member.

8. (currently amended) A compact camera module set, comprising:
a compact camera module including a lens and a solid image pickup device;
and
a socket, wherein
an electrode pad is formed in a lower portion of the compact camera module ~~that includes a lens and a solid image pickup device;~~
a contacting member having a contacting end is disposed in the socket, ~~the electrode pad and the contacting end being in contact~~ the contacting end pushing the electrode pad to an inner side of the compact camera module when the lower portion of the compact camera module is inserted into the socket;
a recess is formed on the lower portion of the compact camera module; and
a cutout is formed on the socket at a position in correspondence to the recess,

Application Serial No. 10/812,639
Reply to Office Action of July 2, 2007

PATENT
Docket: CU-3673

the recess facing the cutout when the lower portion of the compact camera module is inserted into the socket, the recess being engagable with a de-installation tool through the cutout when the lower portion of the compact camera module is inserted into the socket.